

ABSTRACT

5 The present invention is directed to improved drag reducing agents and methods of forming improved drag reducing agents comprising the steps of isomerizing olefin monomers to form isomerized olefin monomers, polymerizing the isomerized olefin monomers in the presence of at least one catalyst to form a polyolefin drag reducing agent having unexpectedly superior drag reduction properties when combined with liquid hydrocarbons, such as viscous crude oil. Therefore, the drag reducing agents of the present invention may be introduced into conduits, such as pipelines, to increase the flow of the hydrocarbons through the conduit.